Little GIANT®

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RETROFIT KIT GP-A-RFK

EN ENGLISH

This instruction sheet provides you with the information required to safely own and operate your Little Giant product. Retain these instructions for future reference.

The Little Giant product you have purchased is of the highest quality workmanship and material, and has been engineered to give you long and reliable service. Little Giant products are carefully tested, inspected, and packaged to ensure safe delivery and operation. Please examine your unit carefully to ensure that no damage occurred during shipment. If damage has occurred, please contact the place of purchase. They will assist you in replacement or repair, if required.

READ THESE INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING TO INSTALL, OPERATE, OR SERVICE YOUR LITTLE GIANT PRODUCT. KNOW THE PRODUCT'S APPLICATION, LIMITATIONS, AND POTENTIAL HAZARDS. PROTECT YOURSELF AND OTHERS BY OBSERVING ALL SAFETY INFORMATION. FAILURE TO COMPLY WITH THESE INSTRUCTIONS COULD RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE!

Due to continuous product improvement programs, changes to the product may occur. As a result of such programs, Little Giant reserves the right to change products without prior written notification.

INSTALLATION

WARNING: Make sure the pump electrical supply circuit is equipped with fuses or circuit breakers of proper capacity. A separate branch circuit is recommended, sized according to the National Electric Code for the current shown on the pump nameplate and literature.

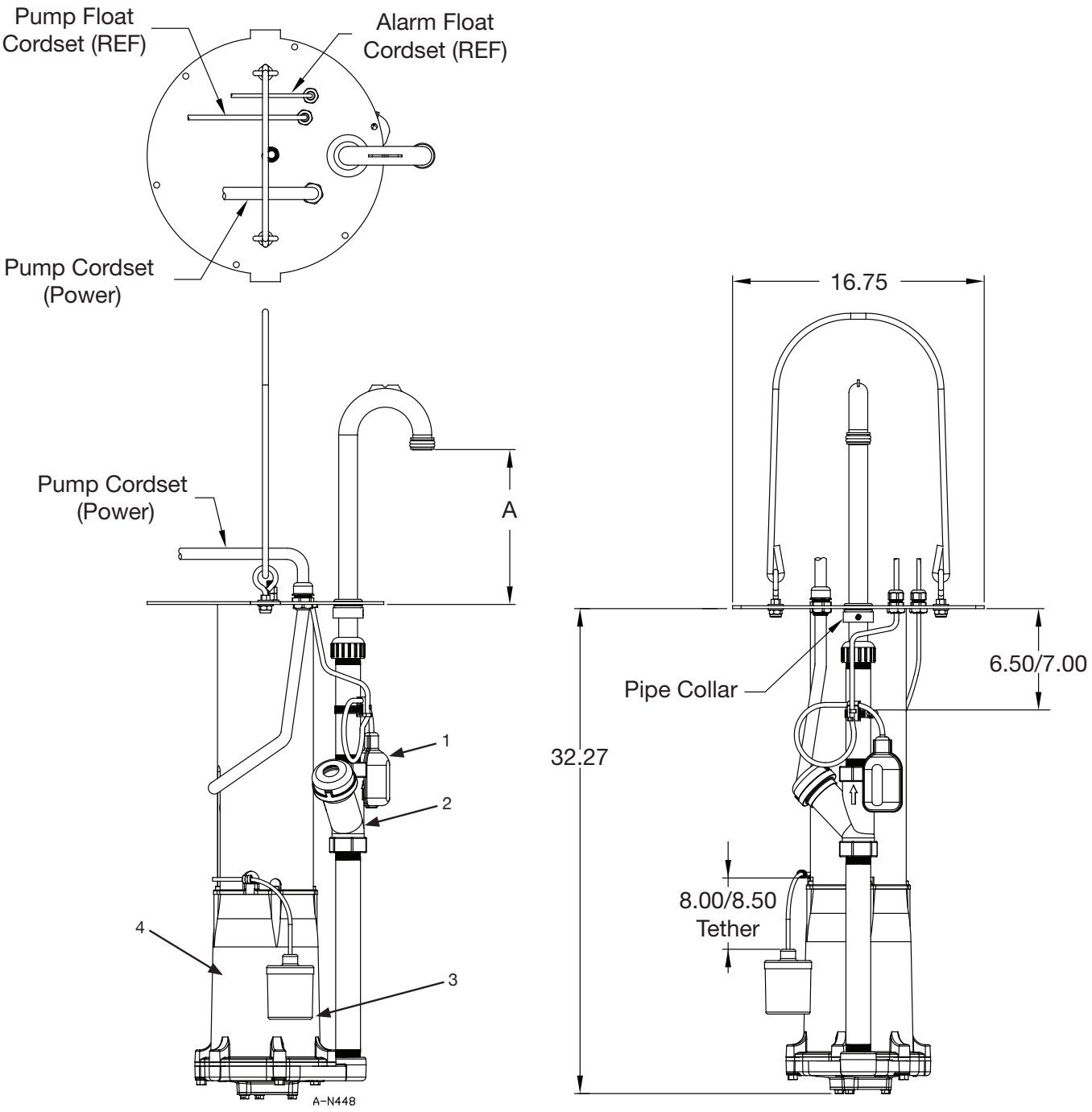
WARNING: The GP-A-RFK has a full load amp (FLA) rating of 13.9. This product must be installed according to National Electric Code (NEC) guidelines. It is the responsibility of the installer to ensure that the existing wiring and circuit breakers are adequate to meet these guidelines.

WARNING: Electrical wiring and enclosures must be in accordance with the National Electric Code and any other applicable state and electrical requirements. Before servicing a pump always shut off the main power breaker – making sure you are wearing insulated protective sole shoes and not standing in water. Under flooded conditions, contact your local electrical company or a qualified licensed electrician to disconnect electrical service before removing the pump. Refer to the original installation/service manual for any precautions that need to be followed. (For example, the pump could have more than one power source or connection.)

1. Remove electrical power to the panel and pump.
2. Check the existing electrical panel to ensure that breakers and wire gauges meet or exceed National Electric Code (NEC) guidelines.
3. If water is present in the basin, drain it to the level of the intake using an external pump or vacuum. Dispose of all septic in accordance with local, state, and national codes.
4. Disconnect the electrical quick-disconnect plug located inside the basin, if applicable.
5. Remove the bolts securing the existing assembly, if applicable.
6. Rotate the ball valve lever to the CLOSED position.
7. Remove the existing pump assembly from the basin and set it aside.
8. Remove the packaging from the kit, retaining the assembly pack and instructions.
9. Thoroughly read the pump owner's manual to familiarize yourself with its operation.
10. Adjustment of Discharge Height - Once the old assembly has been removed, measure the distance from the bottom of discharge to the bottom of the cover plate (Dimension A) then adjust the discharge on the new retrofit assembly to the same height.
    Follow these steps to adjust the discharge height.
    1. Loosen the set screw on the pipe collar located below the cover plate.
    2. Raise or lower the discharge pipe to the desired height.
    3. Reposition the pipe collar against bottom of cover plate then tighten set screw.
11. Remove the nameplate from the cord and set it aside.
12. Apply gasket tape to the bottom perimeter of the plate assembly.
13. Use an awl or similar tool to poke through the gasket tape at the bolt holes on the plate assembly perimeter. This will allow the bolts to be installed through the cover and into the basin.
14. Apply Magic Lube (included) to the O-rings on the discharge assembly to help the component slide into place.
15. Use the rope to lift the kit into the basin and lower it into place.
16. Align the tabs on the plate to the slots on the basin.
17. Align the discharge fitting to the ball valve on the basin, and lower in completely. The assembly should rest on the plate, with the discharge fitting nesting into the existing ball valve fitting.
18. Connect the 6-pin plug and receptacle, and tighten the screws.
19. Install the 6 bolts (included) through the plate and into the basin, then tighten them.
20. Restore electricity to the panel and pump.
21. Fill the basin with water and observe that the pump operates properly. If the pump does not operate properly, refer to the troubleshooting section of the pump owner's manual.
22. Replace the basin lid and lock the unit, if applicable.
23. Affix the pump nameplate (included) to the existing control box or panel so that the pump can be identified.

NOTE TO INSTALLER: Please provide this manual and the pump owner's manual to the home owner or the party responsible for maintaining the system.

Figure 1



ITEM	PART NO.	DESCRIPTION	QTY.
1	950269	High-water alarm float	1
2	940005	1-1/4” cast iron ball check/anti-siphon valve	1
3	599318	Pump float switch	1
4	520875	GP-A231-20, 2 HP, high-head grinder pump	1

LIMITED WARRANTY
SUMP, EFFLUENT, & RESIDENTIAL SEWAGE

THIS WARRANTY SETS FORTH THE COMPANY'S SOLE OBLIGATION AND PURCHASER'S EXCLUSIVE REMEDY FOR DEFECTIVE PRODUCT.

Franklin Electric Company, Inc. and its subsidiaries (hereafter "the Company") warrants that the products accompanied by this warranty are free from defects in materials or workmanship of the Company that exist at the time of sale by the Company and which occur or exist within the applicable warranty period. Any distributor, sub-distributor, recipient, end-user and/or consumer agrees that by accepting the receipt of the products, the distributor, sub-distributor, recipient, end user and/or consumer expressly agrees to be bound by the terms of the warranty set forth herein.

I. Applicable Warranty Period

The products accompanied by this warranty shall by covered by this Limited Warranty for a period of 24 months from the date of original purchase by the consumer. In the absence of suitable proof of purchase date, the warranty period of this product will begin to run on the product's date of manufacture.

II. Instructions Applicable to this Limited Warranty

1. Consumers wishing to submit a warranty claim must return the products accompanied by this warranty to the point of purchase for warranty consideration.
2. Upon discovery of a defect, any personal injury, property damage or any other type of resulting damage, if applicable, shall be reasonably mitigated to the extent possible.
3. At its discretion, the Company may inspect products either at its facilities or in the field, and after determination of a warranty claim, will, at its option, repair or replace defective parts. Repaired or replaced parts will be returned freight prepaid by the Company.
4. This warranty policy does not cover any labor or shipping charges. The Company shall not be liable for any costs or charges attributable to any product testing, maintenance, installation, repair or removal, or for any tools, supplies, or equipment needed to install, repair, or remove any product.

III. Limitations Applicable to this Limited Warranty

THIS WARRANTY DOES NOT APPLY TO ANY OF THE FOLLOWING:

1. Brushes, impeller or cam on models with brush-type motors and/or flex-vane impellers.
2. Any product that is not installed, applied, maintained and used in accordance with the Company's published instructions, applicable codes, applicable ordinances and/or with generally accepted industry standards.
3. Any product that has been subject to misuse, misapplication, neglect, alteration, accident, abuse, tampering, acts of God (including lightning), acts of terrorism, acts of war, fire, improper storage or installation, improper use, improper maintenance or repair, damage or casualty, or to an excess of the recommended maximums as set forth in the product instructions.
4. Any product that is operated with any accessory, equipment, component, or part not specifically approved by the Company.
5. Use of replacement parts not sold by the Company, the unauthorized addition of non-Company products to other Company products, and the unauthorized alteration of Company products.
6. Products damaged by normal wear and tear, normal maintenance services and the parts used in connection with such service, or any other conditions beyond the control of the Company.
7. Any product that has been used for purposes other than those for which it was designed and manufactured.
8. Any use of the product where installation instructions and/or instructions for use were not followed.
9. Products connected to voltage other than indicated on nameplate.
10. Products where the pump was exposed to any of the following: sand, gravel, cement, grease, plaster, mud, tar, hydrocarbons, hydrocarbon derivatives (oil, gasoline, solvents, etc.) or other abrasive or corrosive substances.
11. Products in which the pump has been used for pumping of liquids above 140 °F.
12. Products in which the pump was allowed to operate dry (fluid supply cut off).
13. Products in which the sealed motor housing has been opened or the product has been otherwise dismantled by customer.
14. Products in which the cord has been cut to a length of less than three feet.

The Company reserves the right at any time, and from time to time, to make changes in the design and/or improvements upon its product without thereby imposing any obligation upon itself to make corresponding changes or improvements in or upon its products already manufactured and/or previously sold. The Company further reserves the right to substitute parts or components of substantially equal quality in any warranty service required by operation of this Limited Warranty.

This written Limited Warranty is the entire warranty authorized and offered by the Company. There are no warranties or representations beyond those expressed in this document.

THIS WARRANTY AND REMEDY IS IN LIEU OF ALL OTHER WARRANTIES AND REMEDIES INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY SPECIFICALLY DISCLAIMED AND EXPRESSLY EXCLUDED. CORRECTION OF NON-CONFORMITIES, IN THE MANNER AND FOR THE PERIOD OF TIME AS SET FORTH ABOVE, SHALL CONSTITUTE FULFILLMENT OF ALL LIABILITY OF THE COMPANY TO THE PURCHASER WHETHER BASED ON CONTRACT, NEGLIGENCE, OR OTHERWISE.

THE COMPANY SHALL NOT BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES SUCH AS, BUT NOT LIMITED TO:

DAMAGE TO OR LOSS OF OTHER PROPERTY OR EQUIPMENT, LOSS OF USE OF EQUIPMENT, FACILITIES OR SERVICE, LOSS OF PROFIT OR SALES, COST OF PURCHASES OR REPLACEMENT GOODS, CLAIMS OF CUSTOMERS OF THE PURCHASER, FAILURE TO WARN AND/OR INSTRUCT, LOSS OF OTHER PRODUCTS, OR COSTS OF ENVIRONMENTAL REMEDIATION, OR DIMINUTION IN PROPERTY VALUE. THE REMEDIES OF THE PURCHASER SET FORTH HEREIN ARE EXCLUSIVE, AND THE LIABILITY OF THE COMPANY SHALL NOT, EXCEPT AS EXPRESSLY PROVIDED HEREIN, EXCEED THE PRICE OF THE PRODUCTS UPON WHICH SUCH LIABILITY IS BASED. DAMAGES AS SET FORTH IN THIS PARAGRAPH SHALL BE REASONABLY MITIGATED TO THE EXTENT POSSIBLE. THIS PARAGRAPH SHALL ALSO APPLY TO ALL DAMAGES RESULTING FROM CONDITIONS SET FORTH IN SECTION III ABOVE AND (1) DEFECTS IN PRODUCT PROTOTYPES OR REPLACEMENT PART PROTOTYPES THAT HAVE NOT BEEN PUT INTO PRODUCTION, CIRCULATED AND SOLD BY THE COMPANY, AND/OR (2) DEFECTS THAT WERE NOT FOUND AT THE TIME OF SALE DUE TO SCIENTIFIC AND

TECHNOLOGICAL REASONS.

This Limited Warranty gives you specific legal rights. You may have other rights, which vary according to the applicable laws and regulations. Where any term of this warranty is prohibited by such laws, it shall be null and void, but the remainder of this warranty shall remain in full force and effect.

DISCLAIMER: Any oral statements about the product made by the seller, the Company, the representatives or any other parties, do not constitute warranties, shall not be relied upon by the user, and are not part of the contract for sale. Seller's and the Company's only obligation, and buyer's only remedy, shall be the replacement and/or repair by the Company of the product as described above. Before using, the user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith.

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For Technical Informations call 1.800.701.7894

One or more of the following patents apply: U.S. Patent No. 6,059,208; 7,237,736
Form 998715 - 06/2012 Rev 003

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